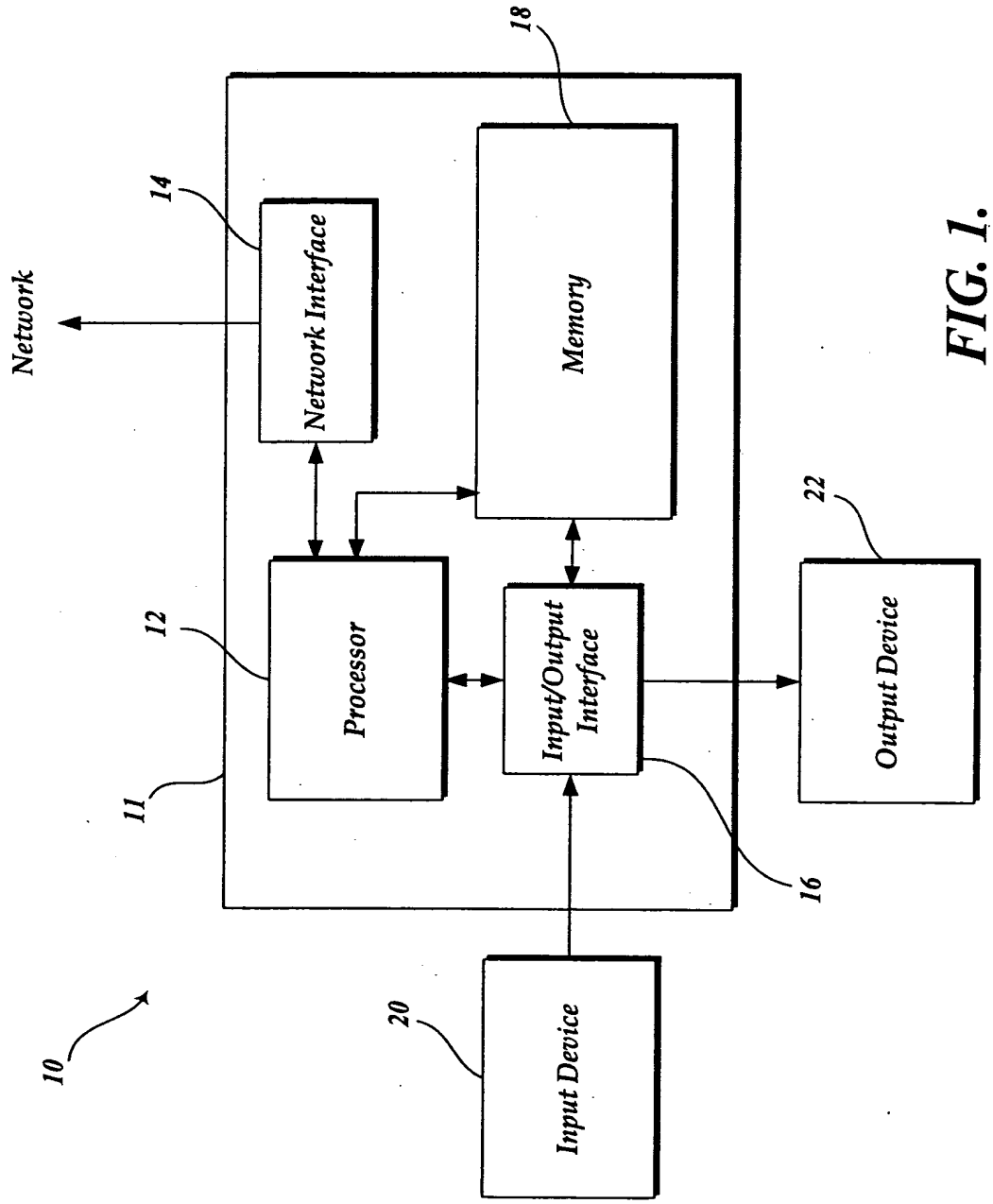
18
14
Network
Network Interface
Memory
22
12
Processor
Input/Output Interface
Output Device
11
16
10
20
Input Device

FIG. 1.

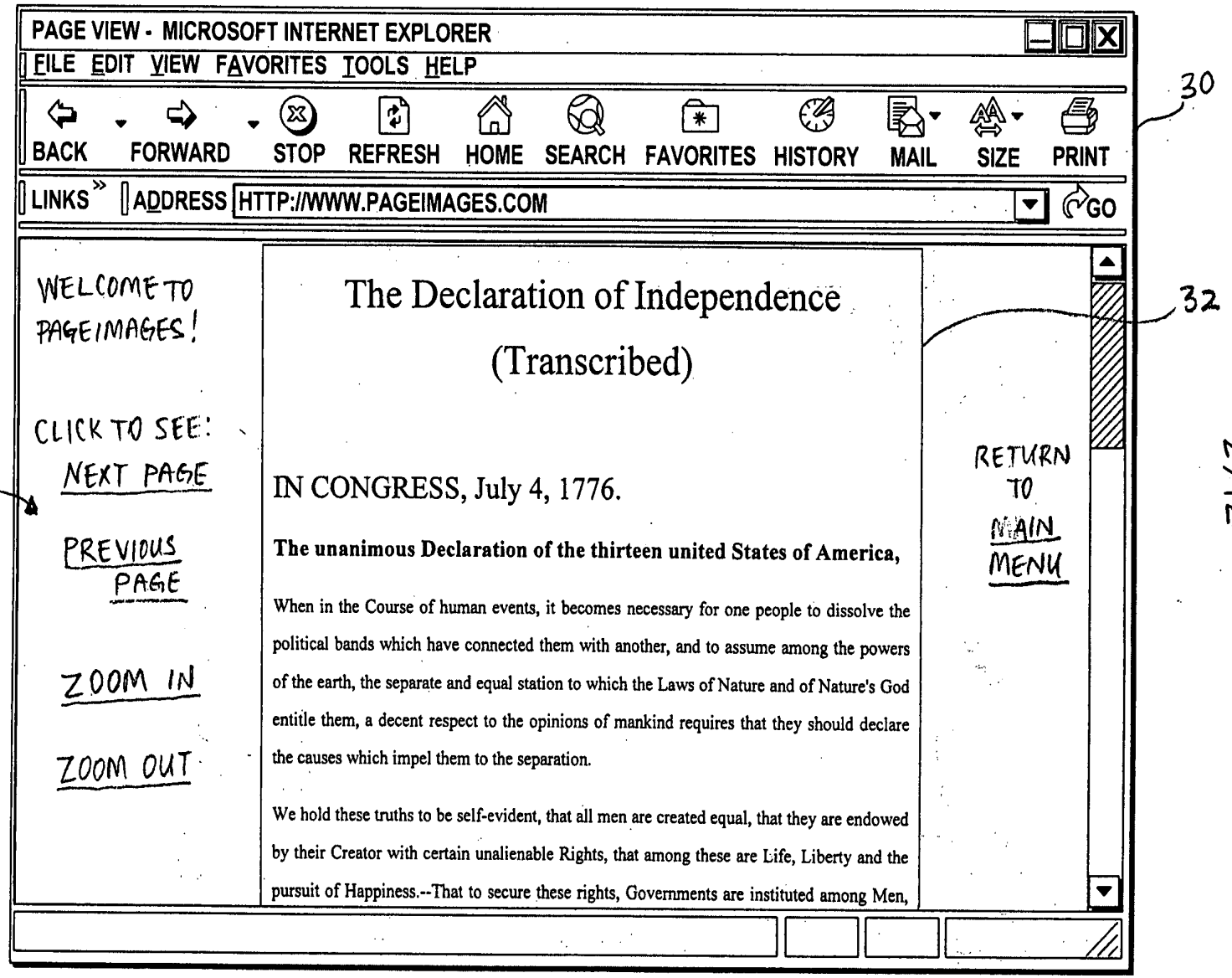
PAGE VIEW - MICROSOFT INTERNET EXPLORER
FILE EDIT VIEW FAVORITES TOOLS HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY MAIL SIZE PRINT
30
LINKS ADDRESS HTTP://WWW.PAGEIMAGES.COM GO
WELCOME TO PAGEIMAGES!
CLICK TO SEE:
NEXT PAGE
PREVIOUS PAGE
ZOOM IN
ZOOM OUT
34
The Declaration of Independence
(Transcribed)
32
IN CONGRESS, July 4, 1776.
The unanimous Declaration of the thirteen united States of America,
When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.
We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness.--That to secure these rights, Governments are instituted among Men,
RETURN TO MAIN MENU

FIG.2.

The Declaration of Independence (Transcribed)

IN CONGRESS, July 4, 1776.

The unanimous Declaration of the thirteen united States of America,

When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.

We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness.--That to secure these rights, Governments are instituted among Men, deriving their just powers from the consent of the governed, --That whenever any Form of Government becomes destructive of these ends, it is the Right of the People to alter or to abolish it, and to institute new Government, laying its foundation on such principles and organizing its powers in such form, as to them shall seem most likely to effect their Safety and Happiness. Prudence, indeed, will dictate that Governments long established should not be changed for light and transient causes; and accordingly all experience hath shewn, that mankind are more disposed to suffer, while evils are sufferable, than to right themselves by

---

Thomas Jefferson: Author of the Declaration of Independence and third president of the United States

FIG. 3.

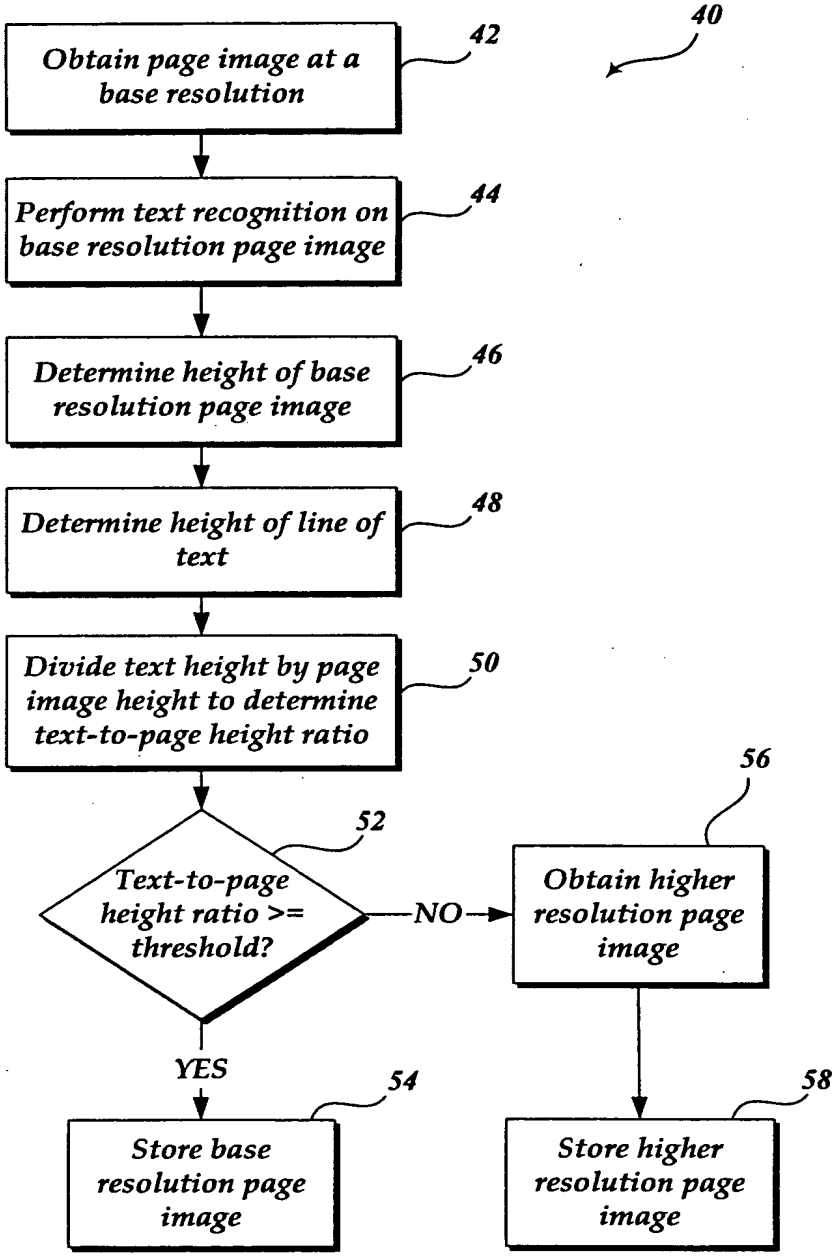
40
Obtain page image at a base resolution
42
Perform text recognition on base resolution page image
44
Determine height of base resolution page image
46
Determine height of line of text
48
Divide text height by page image height to determine text-to-page height ratio
50
Text-to-page height ratio >= threshold?
52
NO
YES
Obtain higher resolution page image
56
Store base resolution page image
54
Store higher resolution page image
58

Fig.4.

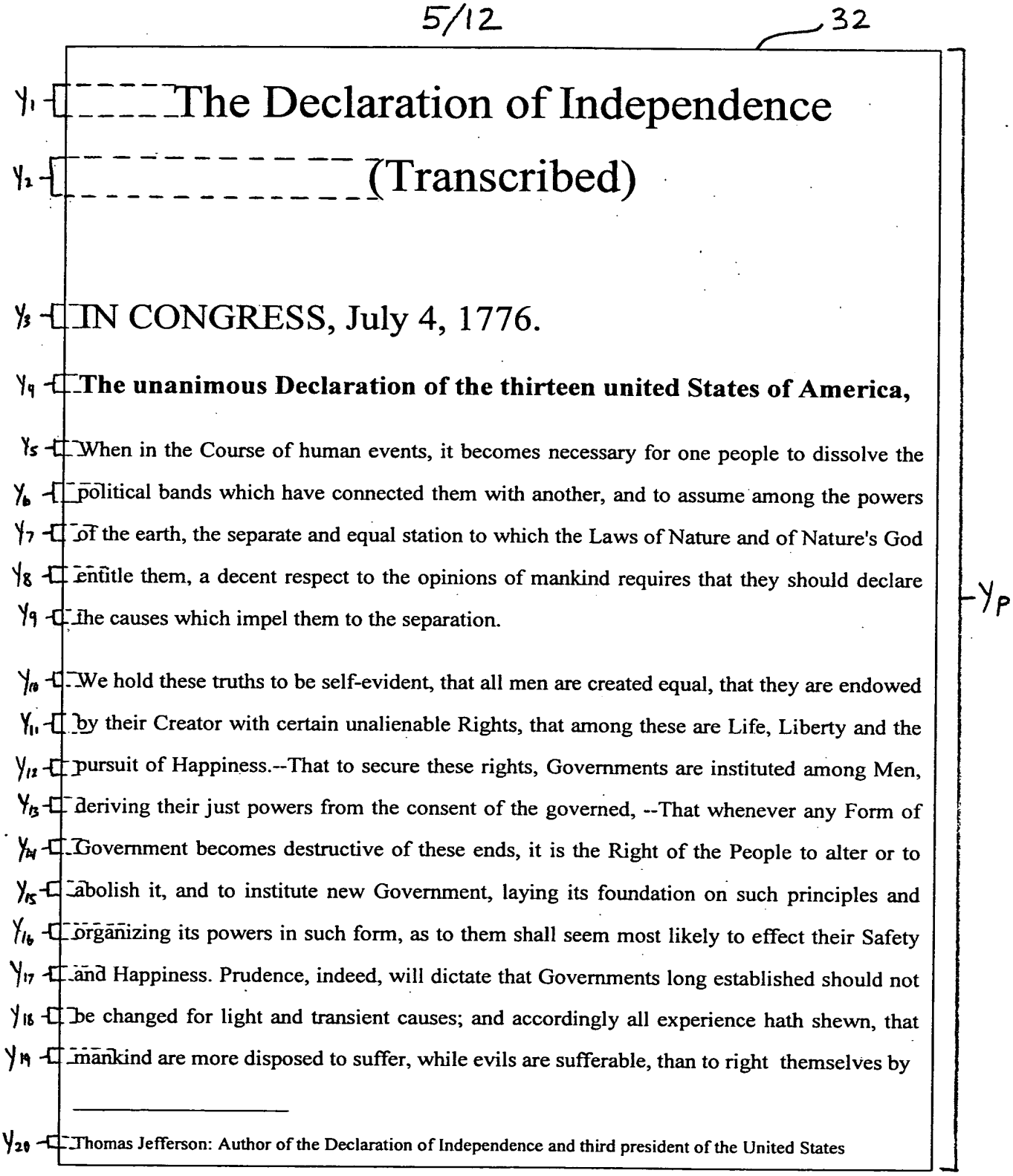
32
The Declaration of Independence
(Transcribed)
IN CONGRESS, July 4, 1776.
The unanimous Declaration of the thirteen united States of America,
When in the Course of human events, it becomes necessary for one people to dissolve the political bands which have connected them with another, and to assume among the powers of the earth, the separate and equal station to which the Laws of Nature and of Nature's God entitle them, a decent respect to the opinions of mankind requires that they should declare the causes which impel them to the separation.
We hold these truths to be self-evident, that all men are created equal, that they are endowed by their Creator with certain unalienable Rights, that among these are Life, Liberty and the pursuit of Happiness.--That to secure these rights, Governments are instituted among Men, deriving their just powers from the consent of the governed, --That whenever any Form of Government becomes destructive of these ends, it is the Right of the People to alter or to abolish it, and to institute new Government, laying its foundation on such principles and organizing its powers in such form, as to them shall seem most likely to effect their Safety and Happiness. Prudence, indeed, will dictate that Governments long established should not be changed for light and transient causes; and accordingly all experience hath shewn, that mankind are more disposed to suffer, while evils are sufferable, than to right themselves by
Thomas Jefferson: Author of the Declaration of Independence and third president of the United States
Yp

FIG. 5.

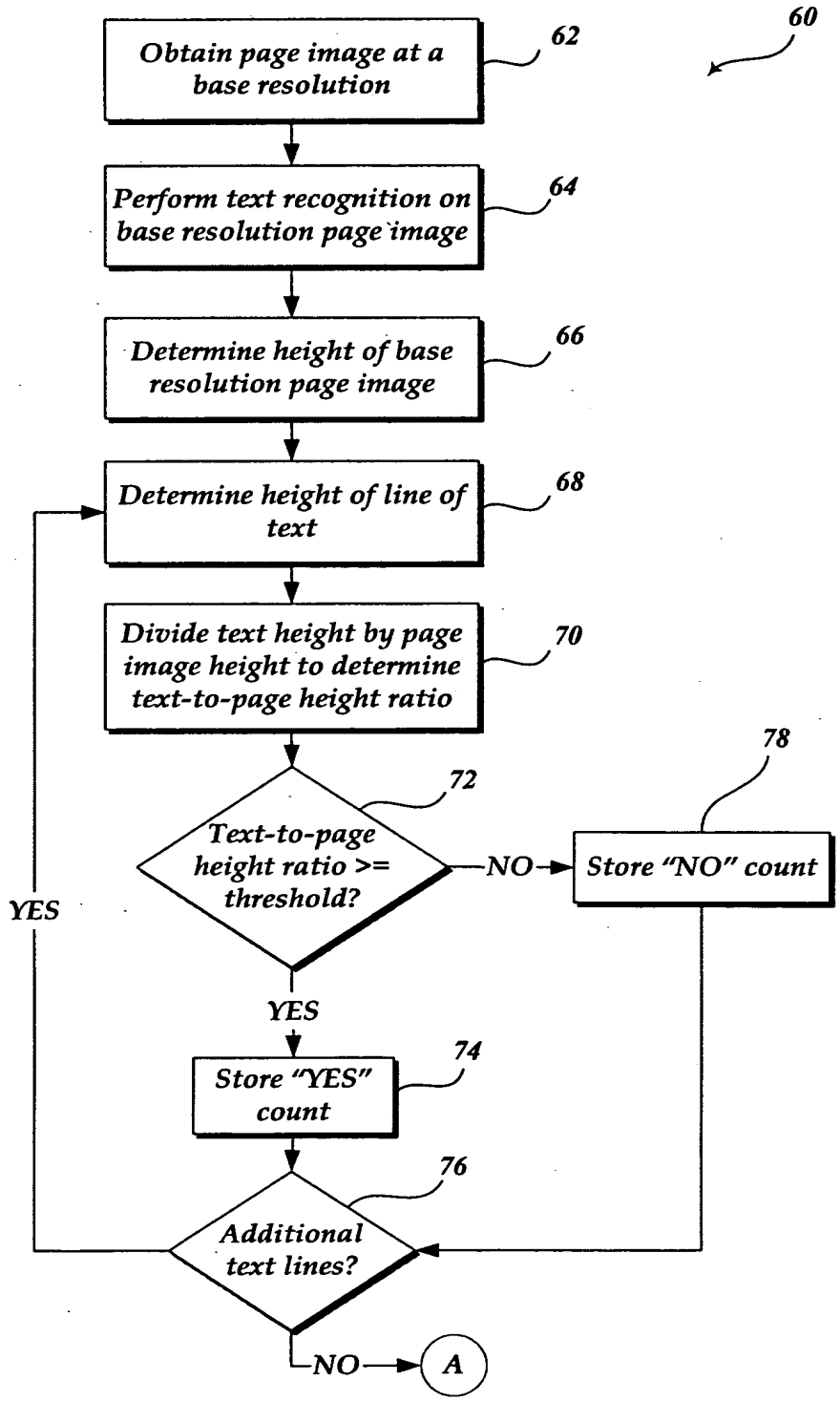
60
Obtain page image at a base resolution
62
Perform text recognition on base resolution page image
64
Determine height of base resolution page image
66
Determine height of line of text
68
Divide text height by page image height to determine text-to-page height ratio
70
Text-to-page height ratio >= threshold?
72
NO
Store "NO" count
78
YES
YES
Store "YES" count
74
Additional text lines?
76
NO
A

Fig.6A.

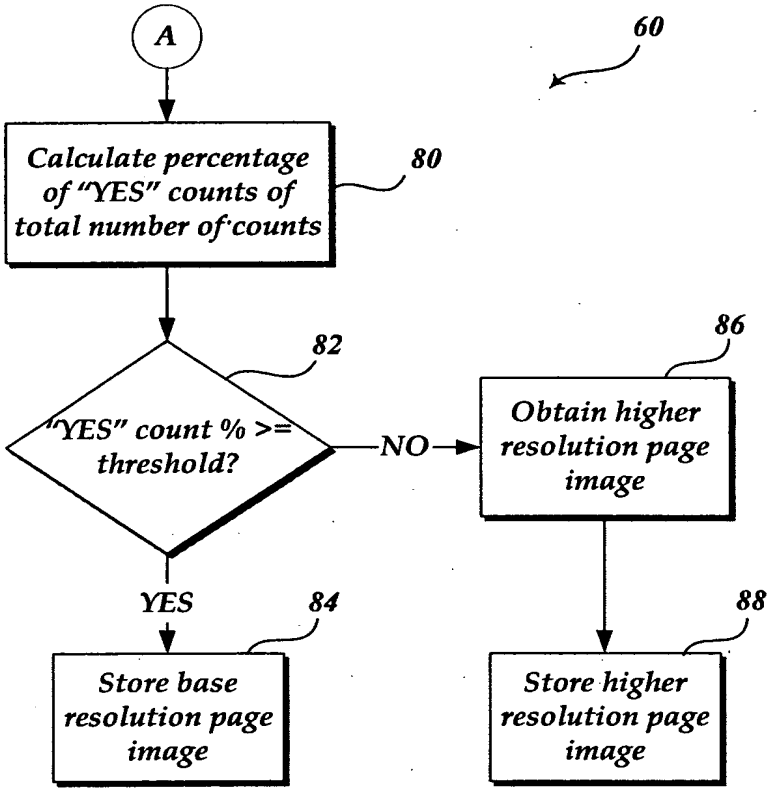
A
60
Calculate percentage of "YES" counts of total number of counts
80
82
"YES" count % >= threshold?
NO
86
Obtain higher resolution page image
YES
84
Store base resolution page image
88
Store higher resolution page image

Fig.6B.

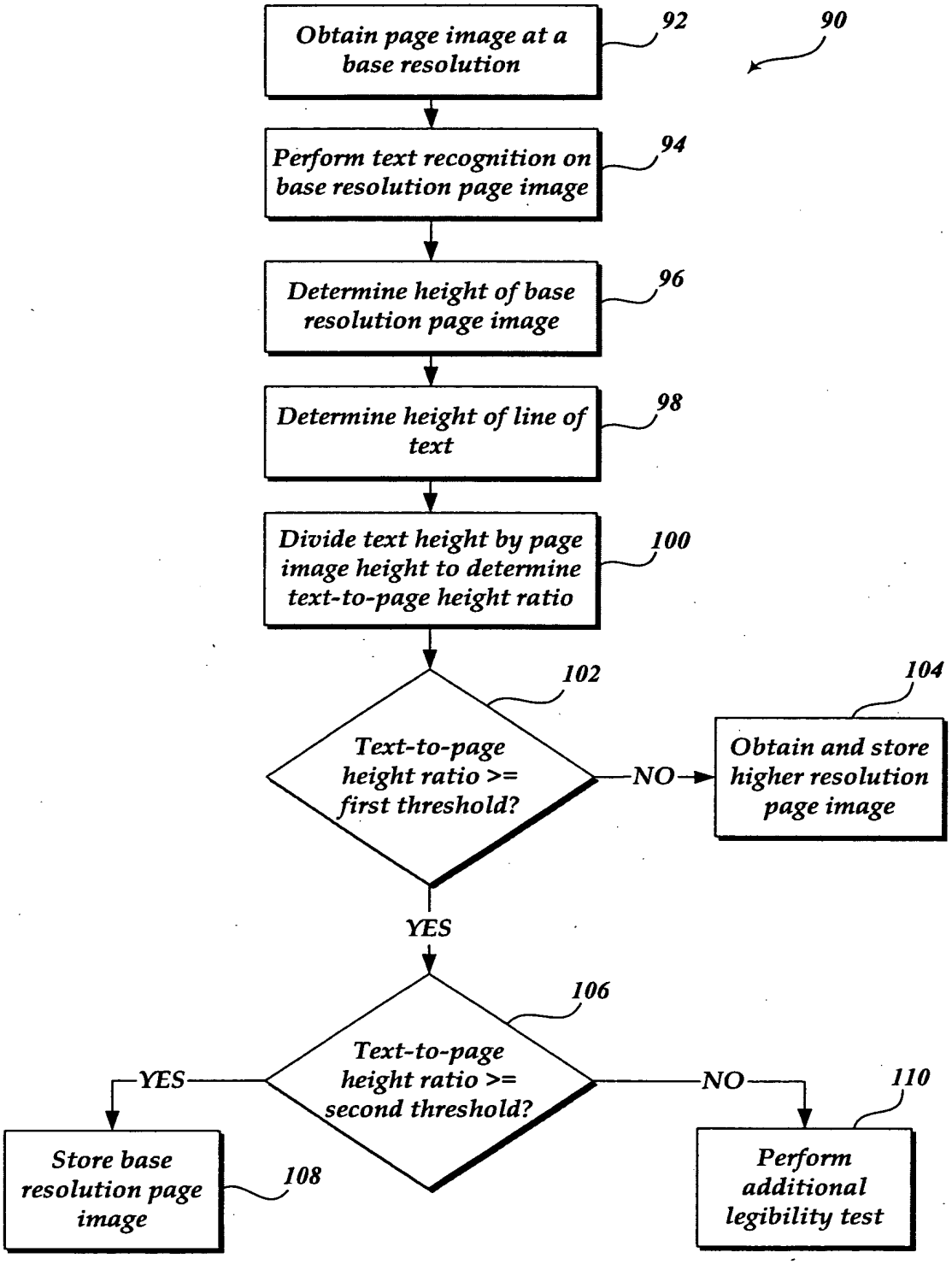
Obtain page image at a base resolution
92
90
Perform text recognition on base resolution page image
94
Determine height of base resolution page image
96
Determine height of line of text
98
Divide text height by page image height to determine text-to-page height ratio
100
102
Text-to-page height ratio >= first threshold?
NO
104
Obtain and store higher resolution page image
YES
106
Text-to-page height ratio >= second threshold?
YES
NO
110
Store base resolution page image
108
Perform additional legibility test

Fig.7.

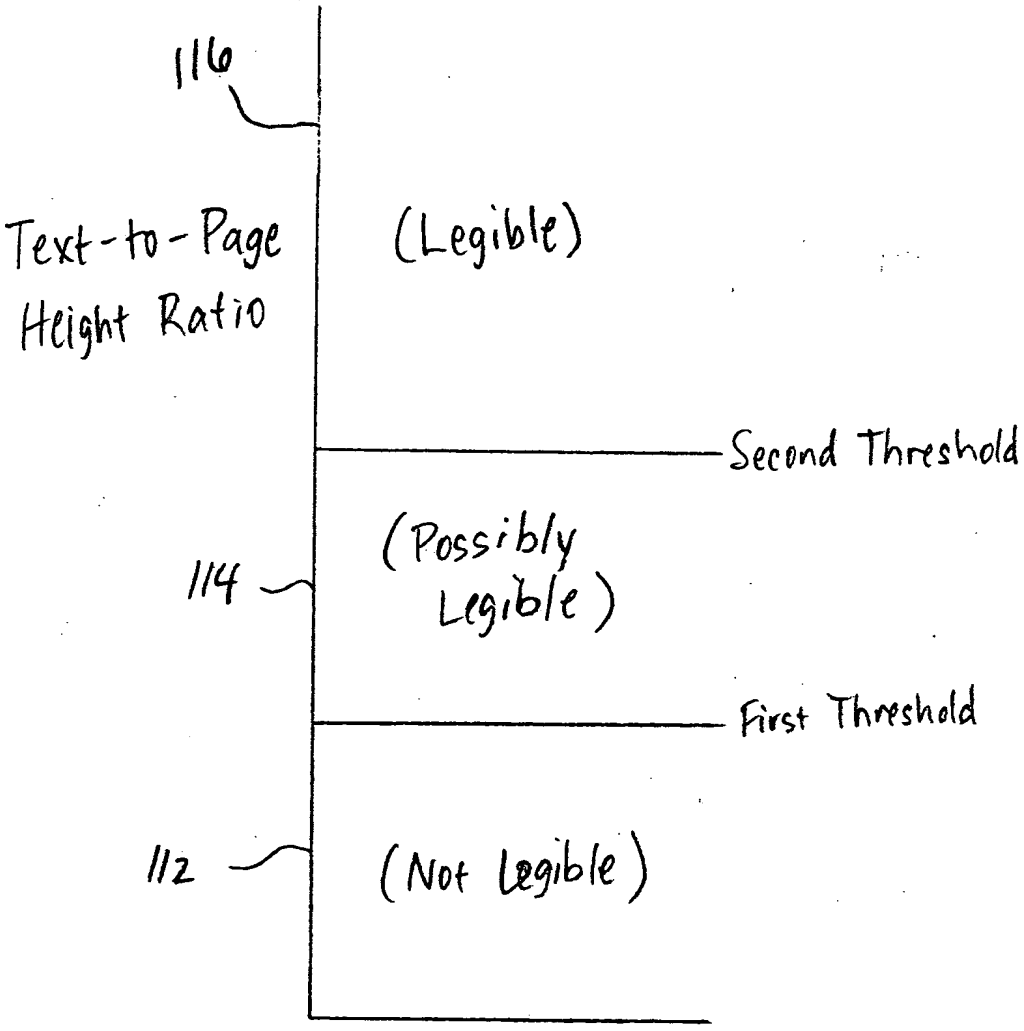
116
Text-to-Page Height Ratio
(Legible)
Second Threshold
(Possibly Legible)
114
First Threshold
112
(Not Legible)

FIG. 8.

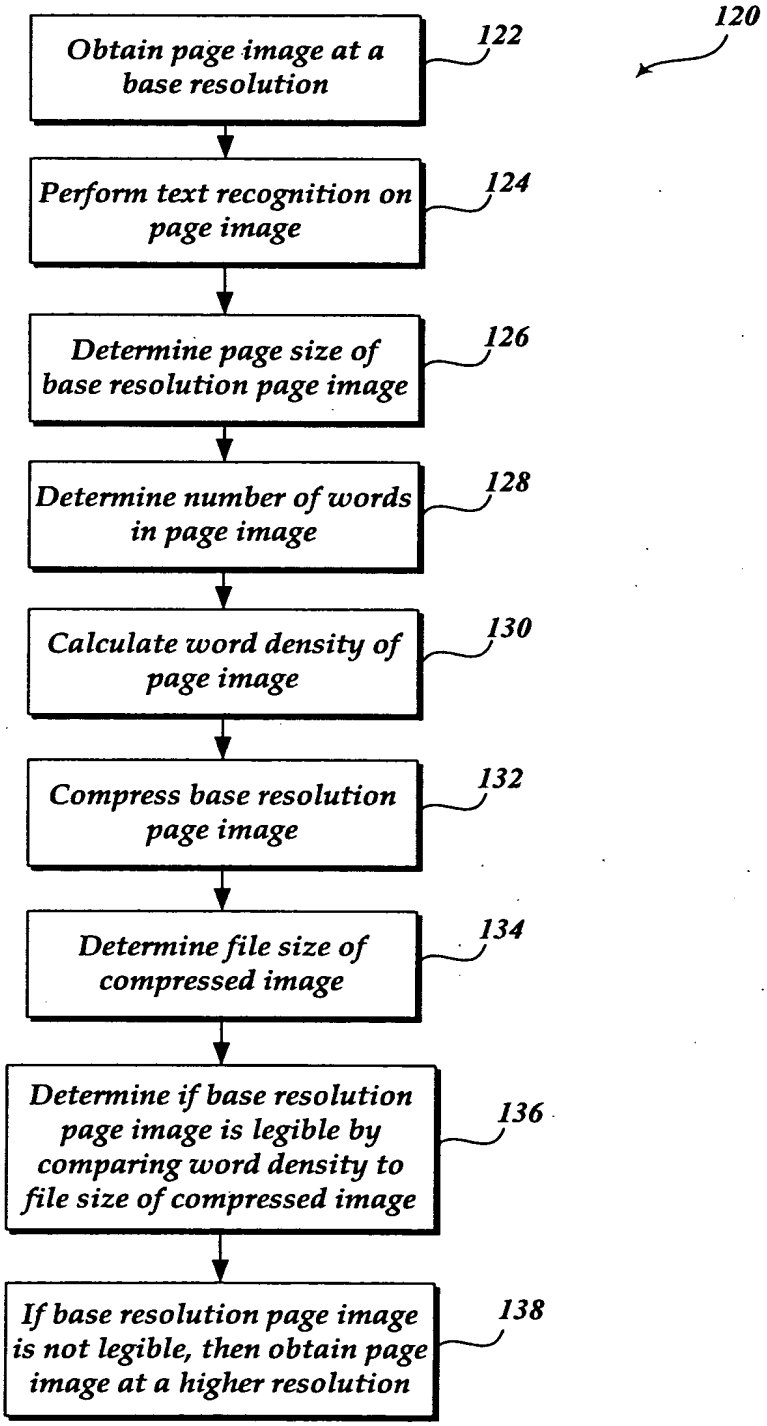
120
Obtain page image at a base resolution
122
Perform text recognition on page image
124
Determine page size of base resolution page image
126
Determine number of words in page image
128
Calculate word density of page image
130
Compress base resolution page image
132
Determine file size of compressed image
134
Determine if base resolution page image is legible by comparing word density to file size of compressed image
136
If base resolution page image is not legible, then obtain page image at a higher resolution
138

Fig.9.

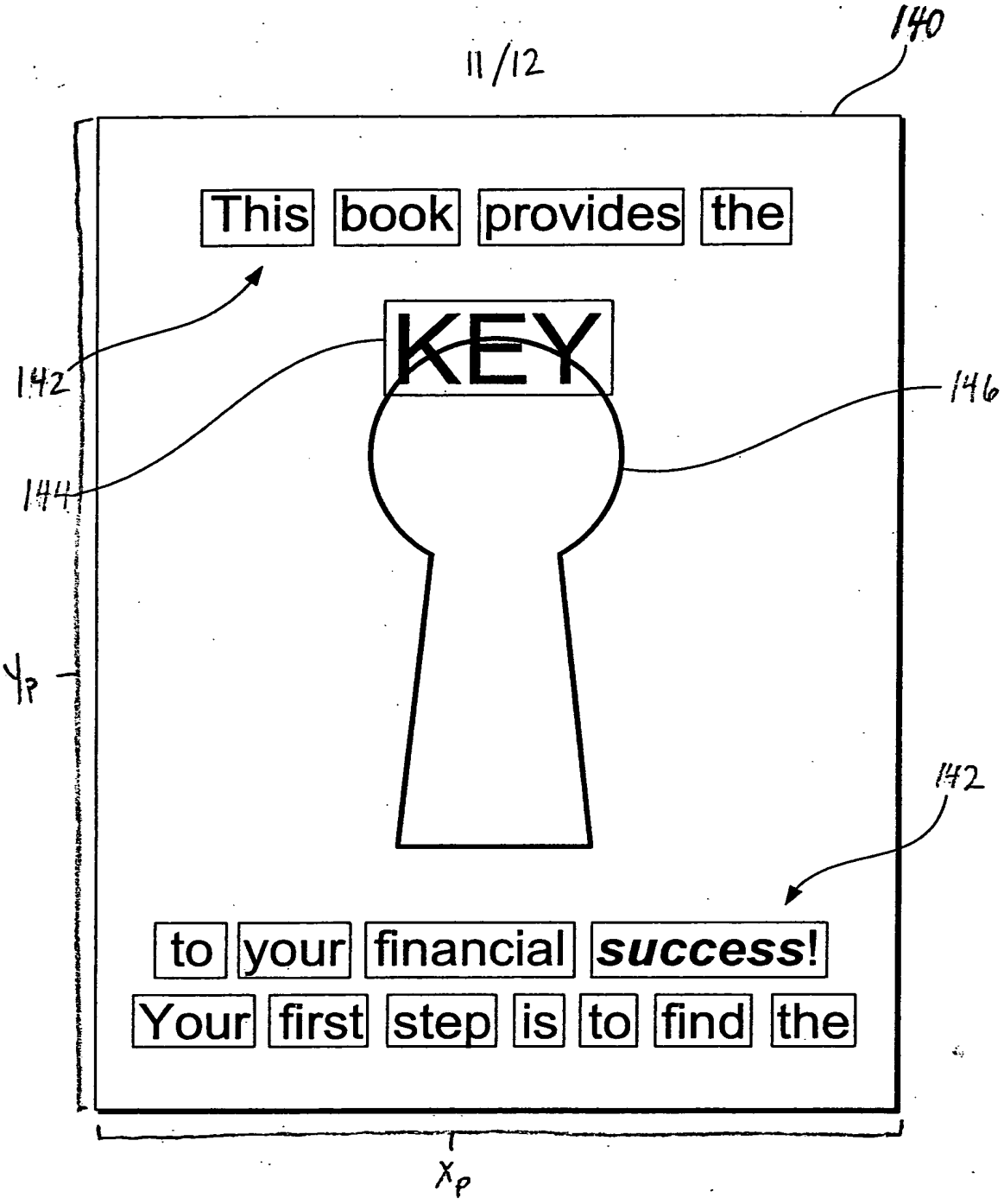
140
This book provides the
KEY
142
144
146
Y_P
142
to your financial success!
Your first step is to find the
X_P

Fig.10.

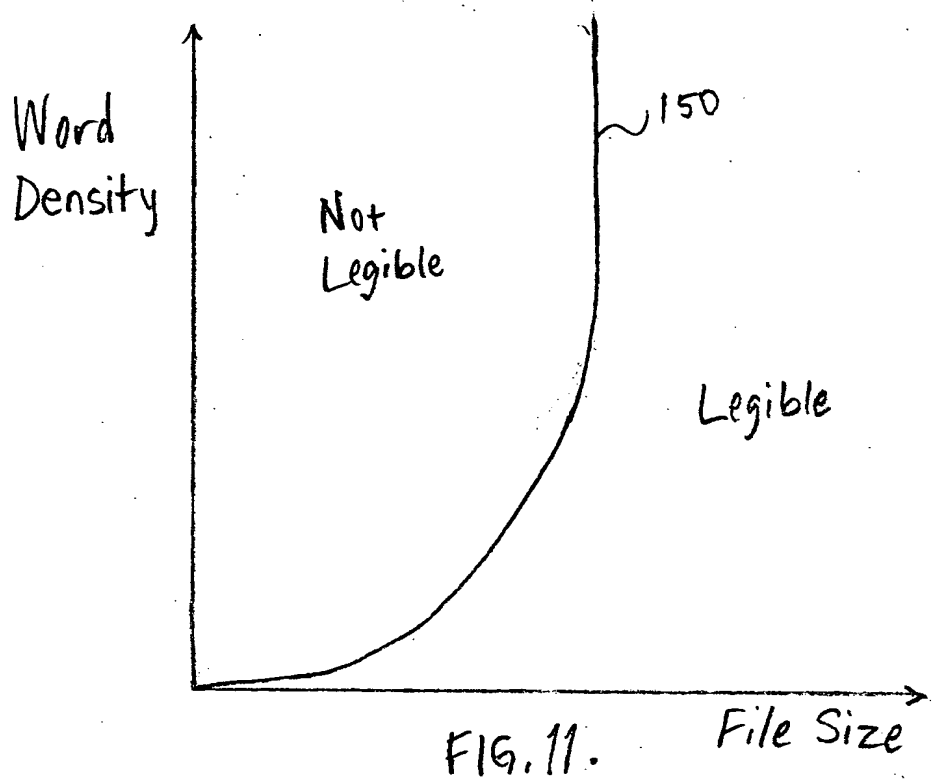
Word Density
150
Not Legible
Legible
File Size

FIG. 11.

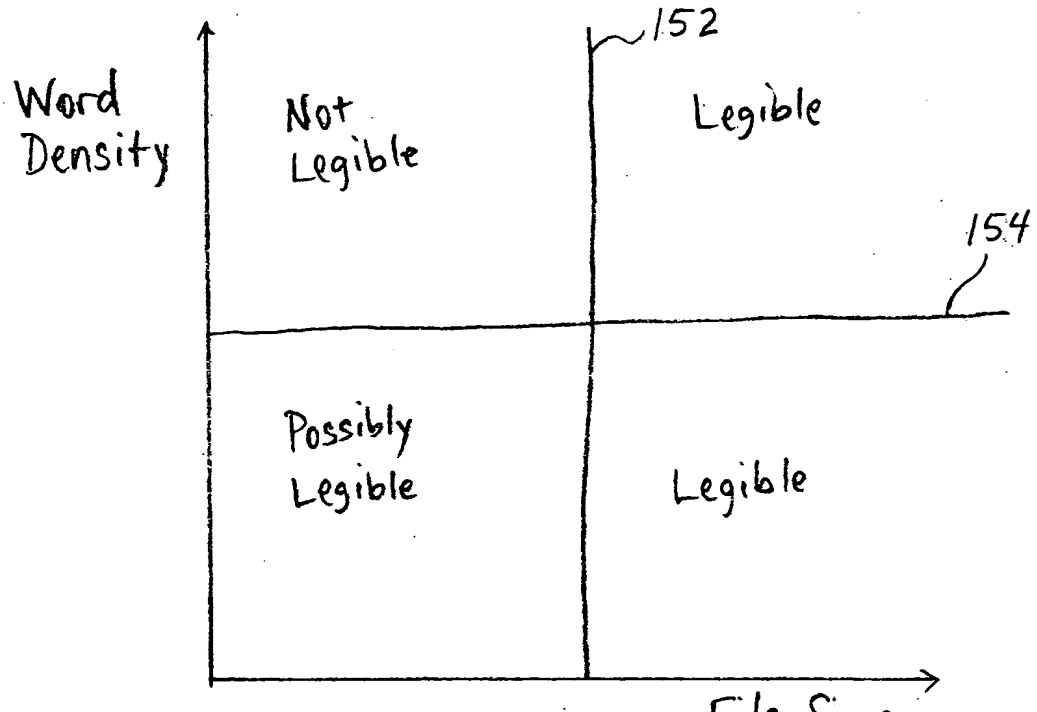
Word Density
152
Not Legible
Legible
154
Possibly Legible
Legible
File Size

FIG. 12.